

REMARKS/ARGUMENTS

Applicant respectfully requests reconsideration and allowance of the subject application.

Claims 1, 2, 4-12, 14-20 are pending.

5 As requested in the Office Action, the title has been changed to more clearly point out that which is being claimed. The new title is "Methods And Arrangements For Configuring A Printer Over A Wireless Communication Link Using A Wireless Communication Device".

Claims 1, 2, 4-12, 14-20 stand rejected under 35 U.S.C. §103(a) as
10 being unpatentable over U.S. Patent No. 5,237,663 issues to Srinivasan. (hereinafter, "*Srinivasan*") in view of U.S. Patent No. 5,490,287 issues to Itoh et al. (hereinafter, "*Itoh*"). The Applicant respectfully traverses these rejections for at least the following reasons.

Srinivasan discloses using a handheld computing system (e.g., a handheld
15 computer, calculator) to diagnose/configure a computer system through a wireless interface. *Srinivasan* does not disclose or otherwise suggest using a wireless communication device.

Itoh discloses that a host computer (e.g., Fig. 7) having a wireless interface can transmit "print data" to a printer (e.g., Fig. 6) having a corresponding wireless
20 interface. Hence, *Itoh* essentially discloses a wireless computer network arrangement having the novel feature of allowing the transmit power to be adjusted by individual nodes to different levels in a effort to optimize the network and reduce interference with other wireless nodes. Since *Itoh* fails to discuss how the printer is actually configured with necessary network configuration
25 information to properly work with the wireless network, one can only assume that *Itoh* intended to configure the printer using standard and conventional techniques available at the time, such as, for example, having an administrator manually

program the printer through its front panel interface prior to having the printer connect to the host computer over the wireless network.

To the contrary and unlike *Srinivasan* and/or *Itoh*, independent **Claim 1** is directed towards a method that includes maintaining printing device control information in a wireless communication device and selectively transmitting the printing device control information to a printing device over a wireless communication interface. The printing device control information includes network configuration information associated with the printing device. Neither *Srinivasan* and/or *Itoh* disclose or even reasonably suggest such a method, wireless communication device, or selectively transmitting network configuration information using the wireless communication device.

Claim 2, which depends from Claim 1, further recites causing the printing device to operatively respond to the printing device control information.

Claim 4, which depends from Claim 1, further recites that the network configuration information includes a unique network device address for the printing device.

Claim 5, which depends from Claim 1, further recites that the wireless communication device includes a wireless telephone or a pager.

Claim 6, which depends from Claim 1, further recites that the wireless communication interface uses radio frequency (RF) signals or infrared (IR) signals.

Claim 7, which depends from Claim 6, recites that the wireless communication interface is further configured to provide bi-directional communication between the wireless communication device and the printing device.

Claim 8, which depends from Claim 1, recites that the method further includes receiving the printing device control information through a user interface portion of the wireless communication device.

Claim 9, which depends from Claim 8, recites that the user interface
5 portion of the wireless communication device includes a display and a keypad.

Claim 10, which depends from Claim 1, recites that the method further includes receiving the printing device control information from a computer operatively coupled to the wireless communication device.

Also contrary to the teachings of *Srinivasan* and/or *Itoh*, is independent
10 **Claim 11** which is directed towards an arrangement that includes a wireless communications device having logic that is configured to maintain printing device control information, and a communication interface operatively coupled to the logic and configurable to selectively transmit a wireless signal having at least a portion of the printing device control information therein. Here, the
15 printing device control information includes network configuration information associated with a printing device. Neither *Srinivasan* and/or *Itoh* disclose or even reasonably suggest such an arrangement, logic within a wireless communication device, or communication interface for selectively transmitting network configuration information.

20 **Claim 12**, which depends from Claim 11, further recites that the arrangement includes a printing device operatively configured to receive the signal from the portable communication device. Here, the portable communication device responds to the printing device control information contained within the wireless signal.

25 **Claim 14**, which depends from Claim 12, further recites that the network configuration information includes a unique network device address for the printing device.

Claim 15, which depends from Claim 11, further recites that the wireless communication device includes a wireless telephone or a pager.

Claim 16, which depends from Claim 12, further recites the wireless signal includes a radio frequency (RF) signal or an infrared (IR) signal.

5 **Claim 17**, which depends from Claim 12, further recites that the wireless communication device and the printing device are operatively configured to provide bi-directional communication there between.

10 **Claim 18**, which depends from Claim 12, further recites that the wireless communication device includes a user interface portion operatively coupled to the logic and configurable to allow users to identify the printing device control information.

Claim 19, which depends from Claim 18, further recites that the user interface portion includes a display and a keypad, each being operatively coupled to the logic.

15 **Claim 20**, which depends from Claim 11, further recites that the arrangement includes a computer that is operatively coupled to the wireless communication device and configured to identify the printing device control information.

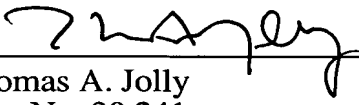
Conclusion

The pending claims are each clearly patentable over the cited art and as such are in condition for prompt allowance. Applicant respectfully requests reconsideration and prompt issuance of the subject application.

5

Respectfully Submitted,

Dated: 10/27/2003

By: 
Thomas A. Jolly
Reg. No. 39,241
(303) 539-0265 x248

10